

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-17. (Canceled)

18. (Currently amended) A closure element for a dispenser, the closure element configured to sealingly close an aperture in a container of the dispenser, the closure element comprising:

an outer skirt configured to enable the closure element to attach to the aperture of the container;

a flexible membrane; and

a locating element comprising:

a shoulder having an edge separating two substantially orthogonal shoulder elements, wherein a first shoulder element is connected to the flexible membrane and the second shoulder element is connected to the outer skirt; and

an inner skirt extending from the second shoulder element and spaced a distance from the edge,

wherein the shoulder and inner skirt form an annular bounded ledge extending between the inner skirt and the edge of the shoulder on which a seal can rest so as to span the space formed by the second shoulder element and the flexible membrane, and

wherein the flexible membrane is formed ~~integrally~~ as a single piece with the closure element.

19. (Cancelled)

20. (Previously presented) A closure element as claimed in claim 18 including a seal configured to span the space formed by the second shoulder element and the flexible membrane.

21. (Previously presented) A closure element as claimed in claim 20 wherein, in use with the closure element attached to the container, the seal is configured to span across the aperture of the container.

22. (Previously presented) A closure element as claimed in claim 20 wherein the seal is a metal foil.
23. (Previously presented) A closure element as claimed in claim 22 wherein the metal foil forms a side of a blister pack.
24. (Previously presented) A closure element as claimed in claim 18 including a sealing element sufficient to ensure that, in use with the closure element attached to the container, the aperture is sealingly closable against leakage of the intended contents of the container.
25. (Previously presented) A closure element as claimed in claim 24 wherein the sealing element is an annulus of compressible sealing material.
26. (Previously presented) A container configured to cooperate with a closure element as claimed in claim 18.
27. (Previously presented) A dispenser comprising:
a container having a first aperture therein and
a first closure element for sealingly closing the first aperture; and
a second aperture formed by a wall forming part of the container and configured to attach to a second closure element for sealingly closing the second aperture,
and a flange extending inward from the wall, the internal rim of the flange defining the perimeter of an opening in the second aperture,
wherein the second closure element comprises:
an outer skirt configured to enable the second closure element to attach to the second aperture of the container;
a flexible membrane;
a locating element comprising
a shoulder having an edge separating two substantially orthogonal shoulder elements,
wherein a first shoulder element is connected to the flexible membrane and the second shoulder element is connected to the outer skirt; and

an inner skirt extending from the second shoulder element and spaced a distance from the edge,

wherein the shoulder and inner skirt form an annular bounded ledge on which a seal can rest so as to span the space formed by the second shoulder element and the flexible membrane;

a seal configured to rest on the annular bounded ledge and to span the space formed by the second shoulder element and the flexible membrane,

such that, in use with the second closure element attached to the container, the seal is configured to span across the opening in the second aperture;

wherein in use the container holds a first substance and the second closure element holds a second substance, and

wherein the construction and arrangement of the second closure element is such that, in end use, the second substance is inserted into the second closure element and a seal located in place by the locating element such that when the second closure element is attached to the second aperture the seal is held sealingly in place to span the opening in the second aperture by the action of the locating element directly or indirectly bearing against the flange of the second aperture, such that when the flexible membrane is pushed the seal is ruptured causing the second substance within the second closure element to mix with the first substance in the container through the second aperture, and wherein said first aperture is configured to distribute the mixture.

28. (Previously presented) A dispenser as claimed in claim 27 wherein the seal is a metal foil.

29. (Previously presented) A dispenser as claimed in claim 28 wherein the metal foil forms a side of a blister pack.

30. (Previously presented) A dispenser as claimed in claim 27 including a sealing element sufficient to ensure that, in use with the second closure element attached to the container, the second aperture is sealingly closable against leakage of the intended contents of the container.

31. (Previously presented) A dispenser as claimed in claim 30 wherein the sealing element is an annulus of compressible sealing material.

32. (Previously presented) A dispenser as claimed in claim 27 wherein the second aperture is substantially formed at the base of the container.

33. (Previously presented) A dispenser as claimed in claim 27 wherein the second closure element is substantially in the form of a cup adapted to form the base of the dispenser and to shield the flexible diaphragm from inadvertent pressing.

34. (Previously presented) A dispenser as claimed in claim 27 wherein only a peripheral annulus of the seal is engaged by the locating element.

35. (Previously presented) A dispenser as claimed in claim 27 wherein the second closure element includes security element preventing the second closure element from being removed from said container once fully fitted.

36. (Previously presented) A dispenser as claimed in claim 27 wherein the second closure element has a cylindrical skirt with a female thread adapted to mate with a corresponding male thread on the cylindrical wall forming part of the base of the container.

37. (Previously presented) A dispenser as claimed in claim 36 wherein the cylindrical skirt and the cylindrical wall have mateable ramped teeth so that when threaded sufficiently together the respective teeth progressively mutually engage and prevent counter-rotation.

38. (Previously presented) A dispenser as claimed in claim 36 wherein the cylindrical wall and the cylindrical skirt are welded or glued together when fully fitted.

39. (Previously presented) A dispenser as claimed in claim 27 wherein the second substance is in the form of a solid tablet.

40. (Previously presented) A dispenser as claimed in claim 27 wherein the second substance is contained in a blister pack.

41. (Previously presented) A dispenser as claimed in claim 40 wherein only the side of the blister pack facing inwards is rupturable and the other side is flexible but not able to be ruptured by operation of the pressing element.

42. (Previously presented) A dispenser as claimed in claim 41 wherein the inner facing side of the blister pack is a metal foil.

43. (Previously presented) A dispenser as claimed in claims 27 wherein the first closure element and the first aperture and surrounding portion of the container are substantially identical to those of the second aperture and the second closure element.

44. (New) A closure element as claimed in claim 18, wherein the flexible membrane is directly exposed to an exterior of the container for manual deflection.